

INTERROGATORY 68

The same as interrogatory 54 but referring to request for admission 16.

RESPONSE: See paragraph 3 of the Preface.

REQUEST NO. 17

Defendant's following model identified in its response to plaintiffs' interrogatories includes "means for causing said hit symbol to move away from a pre-determined position of the screen with a reflection angle equal to the incident angle at which said hit symbol approached said predetermined position" as that phrase is used in claim 32 of U.S. patent 3,659,284:

RESPONSE: Denied.

INTERROGATORY 69

The same as interrogatory 54 but referring to request for admission 17.

RESPONSE: See paragraph 3 of the Preface.

REQUEST NO. 18

Defendant's following model identified in its response to plaintiffs' interrogatories includes "apparatus for playing ping-pong type games by displaying and manipulating symbols on the screen of a cathode ray tube" as that phrase is used in claim 41 of U.S. patent 3,659,284:

RESPONSE: Denied except that Midway admits that each of its Models Winner, Winner 19, Winner II, Winner IV, and Playtime TV includes apparatus for playing ping-pong type games by displaying and manipulating symbols on the screen of a cathode ray tube.

INTERROGATORY 70

The same as interrogatory 54 but referring to request for admission 18.

RESPONSE: Denied.

INTERROGATORY 83

The same as interrogatory 54 but referring to request for admission 31.

RESPONSE: See paragraph 3 of the Preface.

In addition, Defendant Midway states that it has no model in which an image moves on-screen following failure to make coincidence with another image.

REQUEST NO. 32

Defendant's following model is identified in its response to plaintiffs' interrogatories includes "apparatus for playing a baseball type game on the screen of a cathode ray tube" as that phrase is used in claim 44 of U.S. patent 3,659,284:

RESPONSE: Denied except that Defendant Midway's Ball Park model is a baseball type game.

INTERROGATORY 84

The same as interrogatory 54 but referring to request for admission 32.

RESPONSE: See paragraph 3 of the Preface.

REQUEST NO. 33

Defendant's following model identified in its response to plaintiffs' interrogatories includes apparatus for playing a game on the screen of a cathode ray tube:

RESPONSE: Admitted.

INTERROGATORY 85

The same as interrogatory 54 but referring to request for admission 33.

RESPONSE: Not required to be answered.

REQUEST NO. 34

Defendant's following model identified in its response to plaintiffs' interrogatories includes "means for displaying a hit spot" as that phrase is used in claim 44 of U.S. patent 3,659,284:

RESPONSE: Denied.

INTERROGATORY 86

The same as interrogatory 54 but referring to request for admission 34.

RESPONSE: See paragraph 3 of the Preface.

In addition, Defendant Midway states that all of its models except its Ball Park model are not baseball type games.

REQUEST NO. 35

Defendant's following model identified in its response to plaintiffs' interrogatories includes "means for displaying a hitting spot" as that phrase is used in claim 44 of U.S. patent 3,659,284:

RESPONSE: Denied.

INTERROGATORY 87

The same as interrogatory 54 but referring to request for admission 35.

RESPONSE: See the answer to interrogatory No. 86.

REQUEST NO. 36

Defendant's following model identified in its response to plaintiffs' interrogatories includes "means for adjusting the vertical position of said hitting spot" as that phrase is used in claim 44 of U.S. patent 3,659,284:

RESPONSE: Denied.

INTERROGATORY 88

The same as interrogatory 54 but referring to request for admission 36.

RESPONSE: See the answer to interrogatory No. 86.

In addition, Defendant Midway states that, in its Ball Park model, there is no vertically movable image other than an image corresponding to a ball.

REQUEST NO. 37

Defendant's following model identified in its response to plaintiffs' interrogatories includes "means for serving said hit spot" as that phrase is used in claim 44 of U.S. patent 3,659,284:

RESPONSE: Denied, except that Defendant Midway states that, in its Ball Park model, means is provided to initiate movement of an image corresponding to a ball.

INTERROGATORY 89

The same as interrogatory 54 but referring to request for admission 37.

RESPONSE: See the answer to interrogatory No. 86.

REQUEST NO. 38

Defendant's following model identified in its response to plaintiffs' interrogatories includes "means for varying the vertical position of said hit spot" as that phrase is used in claim 44 of U.S. patent 3,659,284:

RESPONSE: Denied.

INTERROGATORY 90

The same as interrogatory 54 but referring to request for admission 38.

RESPONSE: See the answer to interrogatory No. 86.

In addition, Defendant Midway states that there is no means of varying the vertical position of an image corresponding to a ball other than the means for initiating movement of such image as referred to in the response to Request No. 37.

REQUEST NO. 39

Defendant's following model identified in its response to plaintiffs' interrogatories includes "means for denoting coincidence between said hit and said hitting spot whereby said hit spot will reverse directions" as that phrase is used in claim 44 of U.S. patent 3,659,284:

RESPONSE: Denied except that Defendant Midway states that its Ball Park game includes means for denoting coincidence between an image corresponding to a ball and other images whereby the ball image changes direction.

INTERROGATORY 91

The same as interrogatory 54 but referring to request for admission 39.

RESPONSE: See the answer to interrogatory No. 86.

REQUEST NO. 40

Defendant's following model identified in its response to plaintiffs' interrogatories includes "apparatus for playing a hockey type game upon the screen of a cathode ray tube" as that phrase is used in claim 45 of U.S. patent 3,659,284:

RESPONSE: Denied.

INTERROGATORY 92

The same as interrogatory 54 but referring to request for admission 40.

RESPONSE: (a) None of Defendant Midway's games is a hockey type game.

REQUEST NO. 52

Defendant's following model identified in its response to plaintiffs' interrogatories includes "means for providing horizontal and vertical control signals for varying the horizontal and vertical positions of said hitting symbol" as that phrase is used in claim 52 of U.S. patent 3,659,284:

RESPONSE: Denied.

INTERROGATORY 104

The same as interrogatory 54 but referring to request for admission 52.

RESPONSE: See paragraph 3 of the Preface.

In addition to the reasons stated in paragraph 3 of the Preface, Defendant Midway relies upon the fact that, in each of its models except Playtime, each manipulatable image is movable along a line parallel to only one of the axes of the cathode ray tube.

REQUEST NO. 53

Defendant's following model identified in its response to plaintiffs' interrogatories includes "a voltage source, a potentiometer coupled across said voltage source and an integrator coupled to the arm of said integrator, said horizontal control being derived at the output of said integrator" as that phrase is used in claim 53 of U.S. patent 3,659,284:

RESPONSE: Denied.

INTERROGATORY 105

The same as interrogatory 54 but referring to request for admission 53.

RESPONSE: See the response to interrogatory No. 104.

REQUEST NO. 54

Defendant's following model identified in its response to plaintiffs' interrogatories includes "means for

REQUEST NO. 144

Defendant's following model identified in its response to plaintiffs' interrogatories includes apparatus for causing the motion of a symbol displayed on the screen of a television cathode ray tube and representing a playing piece to be altered upon the occurrence of coincidence between said symbol and a symbol representing a fixed marker such as a court line or a boundary line:

RESPONSE: Denied.

INTERROGATORY 196

The same as interrogatory 190 but referring to request for admission 144.

RESPONSE: See paragraphs 3 (a) and 3 (c) of the Preface.

STATE OF ILLINOIS      )  
                            )  
                            ) SS.  
COUNTY OF COOK         )

I, Donald L. Welsh, being duly sworn, do hereby state that the foregoing DEFENDANT MIDWAY'S SUPPLEMENTAL RESPONSES TO PLAINTIFFS' REQUESTS FOR ADMISSION NOS. 2-144 AND INTERROGATORIES NOS. 54-196 are provided by me on the basis of my personal knowledge and my information and belief based on information communicated to me by employees of said companies.

Donald L. Welsh  
Donald L. Welsh

Subscribed and sworn to before me this 7<sup>th</sup> day of July, 1975.

Vali Ferri  
Notary Public